Fig. 1A

Fig. 1B

Fig. 2A

Fig. 2B

Fig. 3
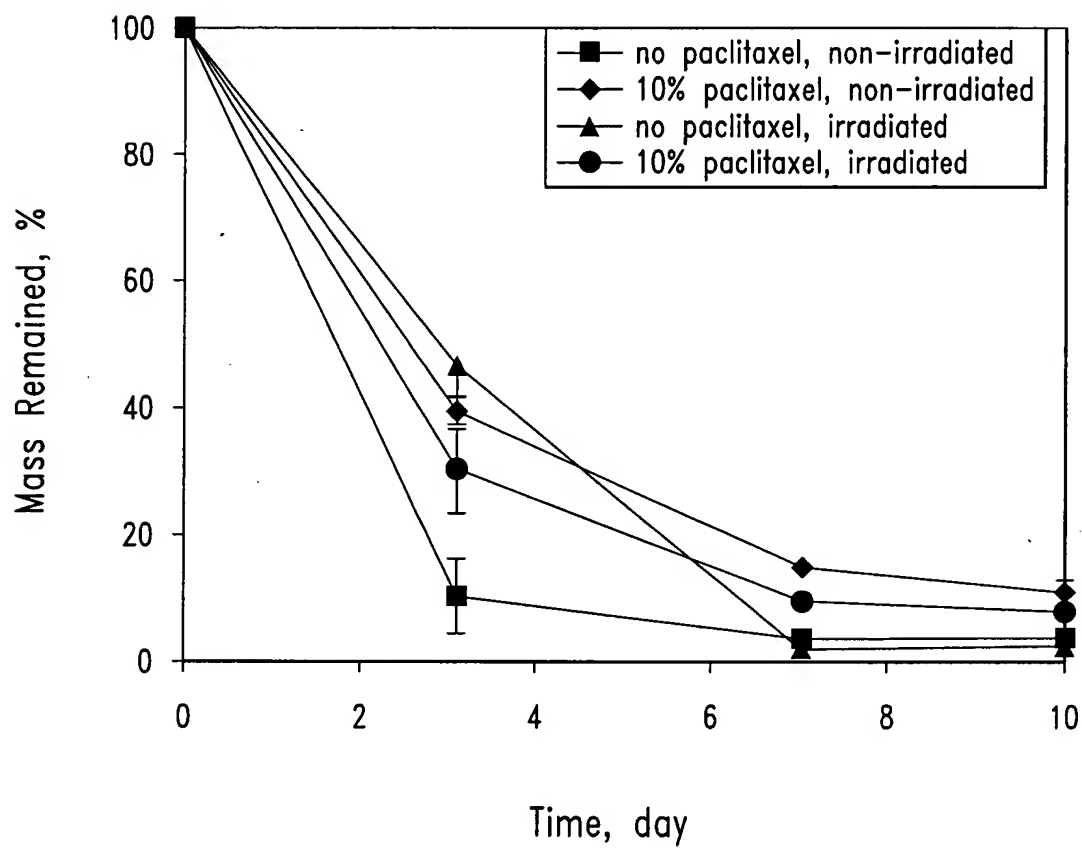
Fig. 4

TB:MePEG	Peak Melting Point (°C)
100:0	39.60
90:10	35.79
80:20	32.63
70:30	33.31
60:40	33.97
50:50	30.96
40:60	26.63
30:70	30.82

Endothermic Peaks

Temperature (°C) →

Fig. 5A

$y = -0.167x + 40.507$

% MePEG in paste
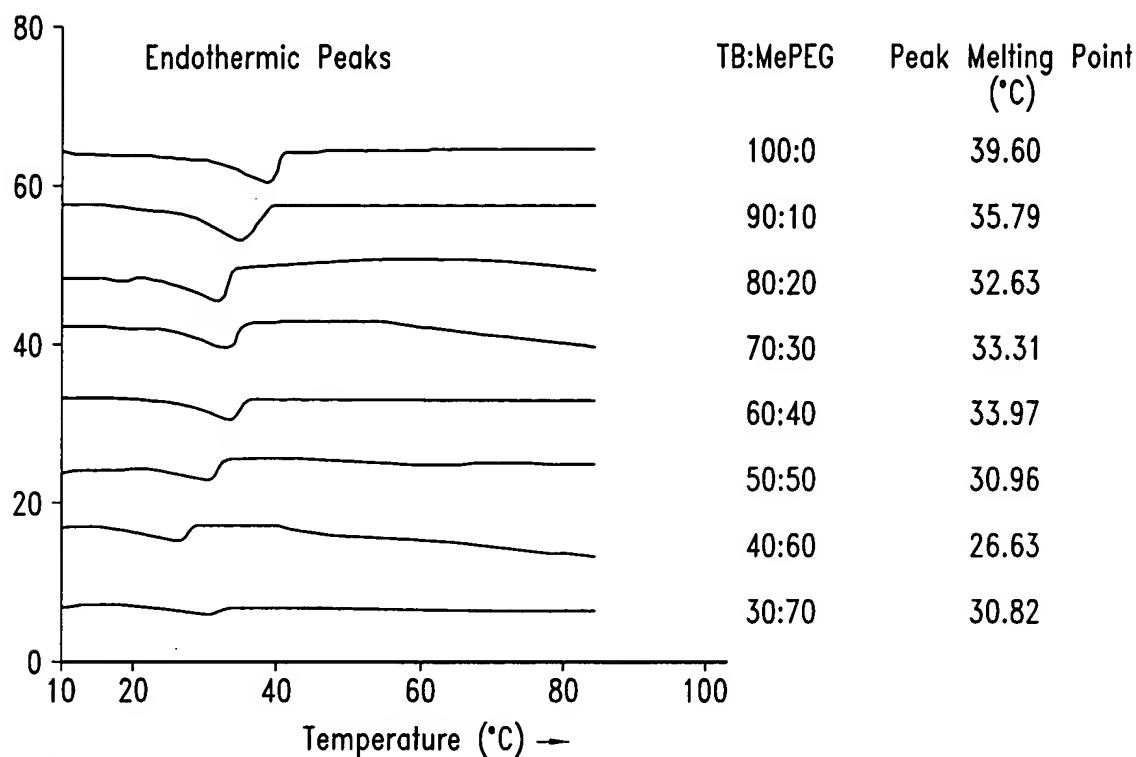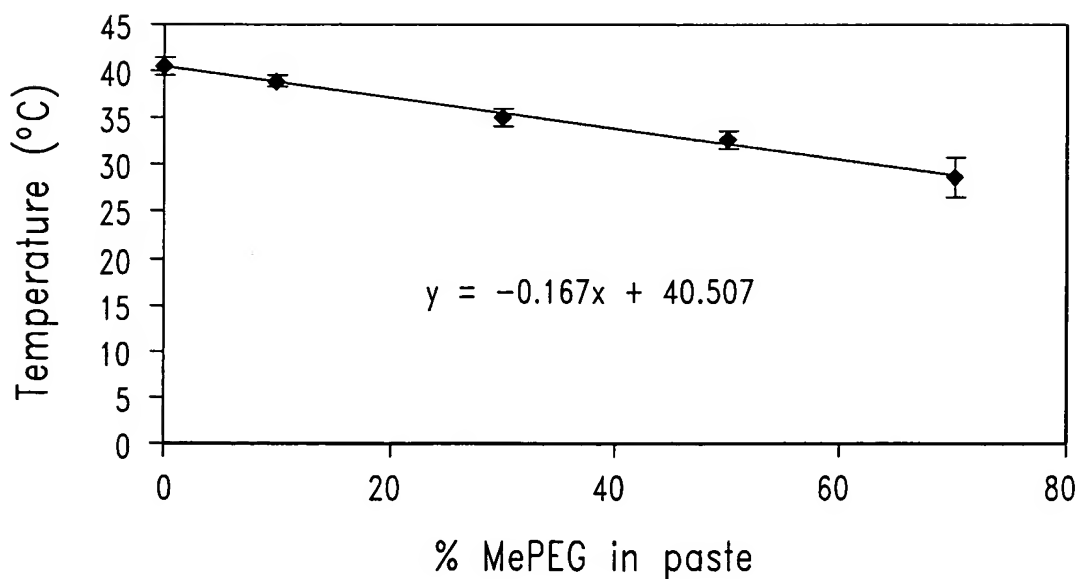
Fig. 5B
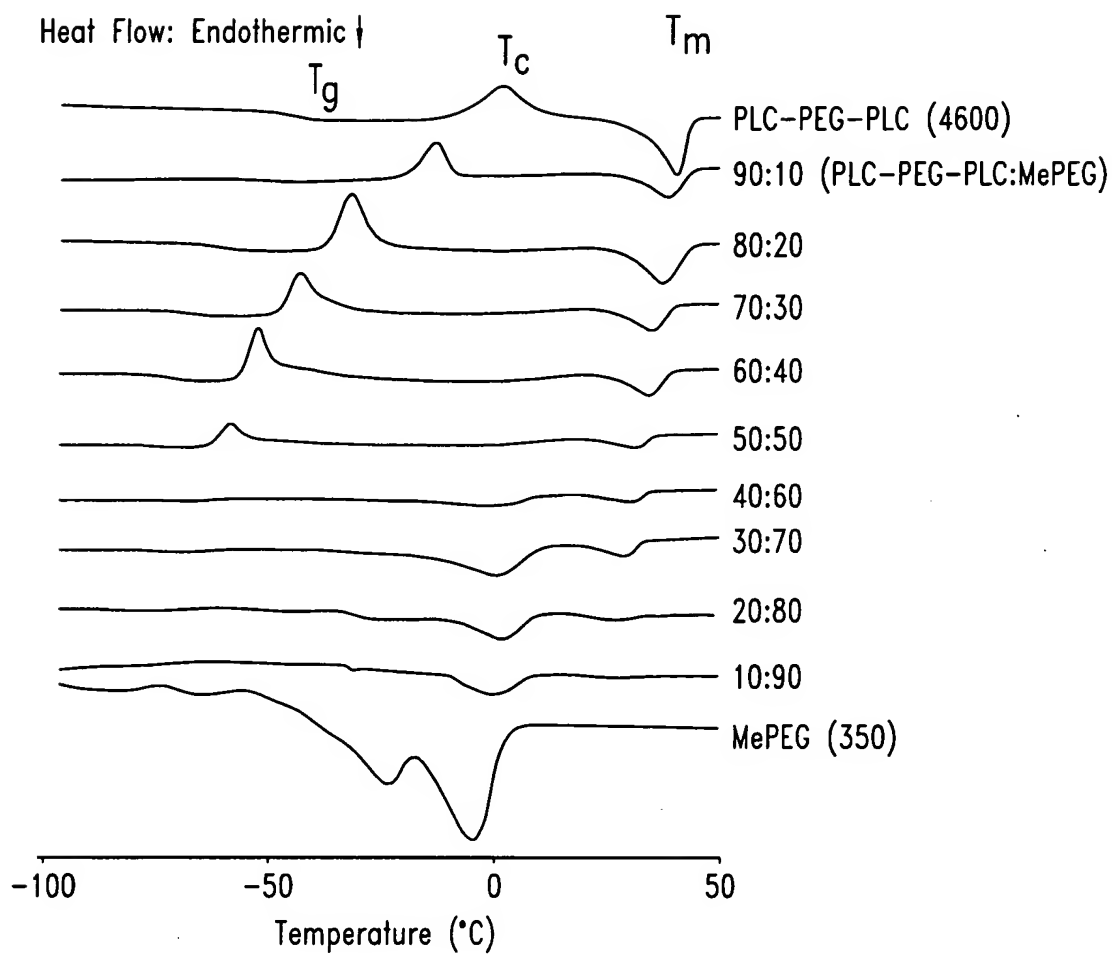
Fig. 5C
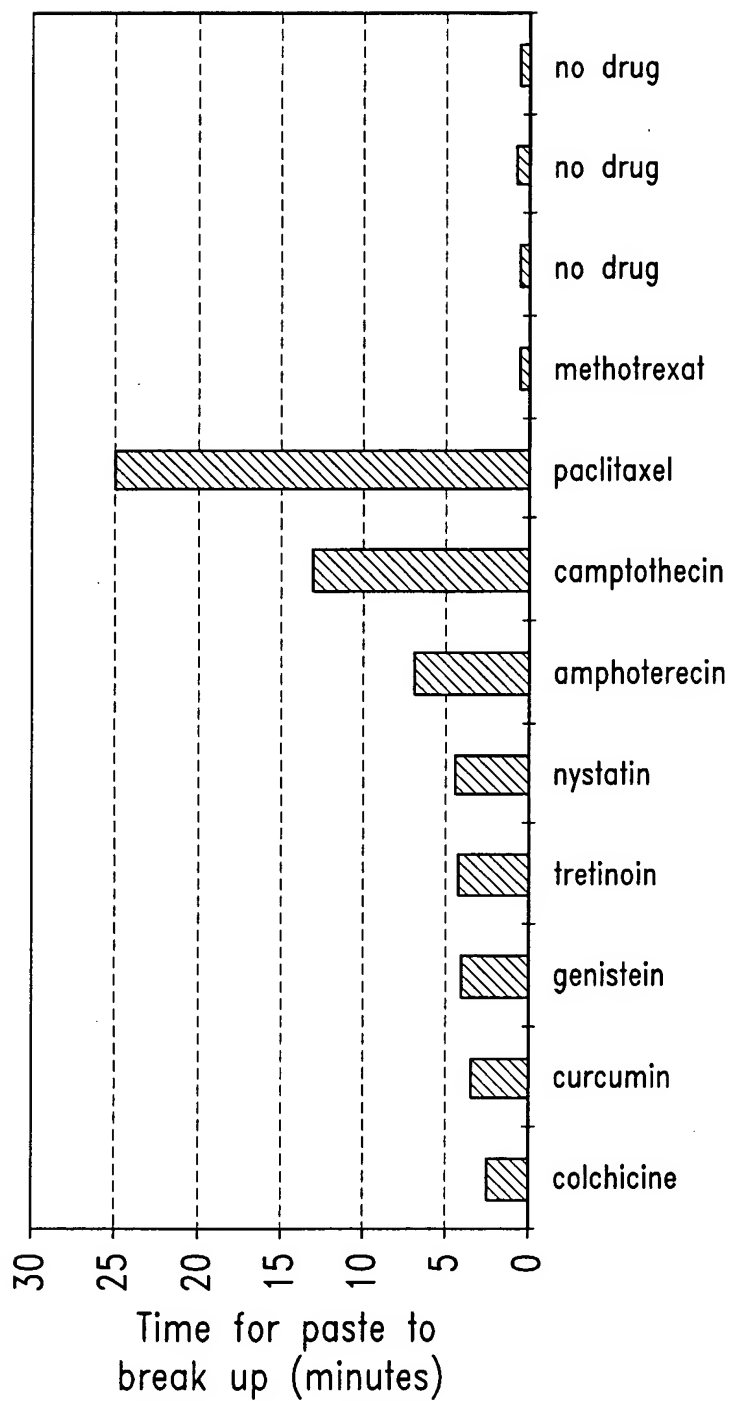
Fig. 6
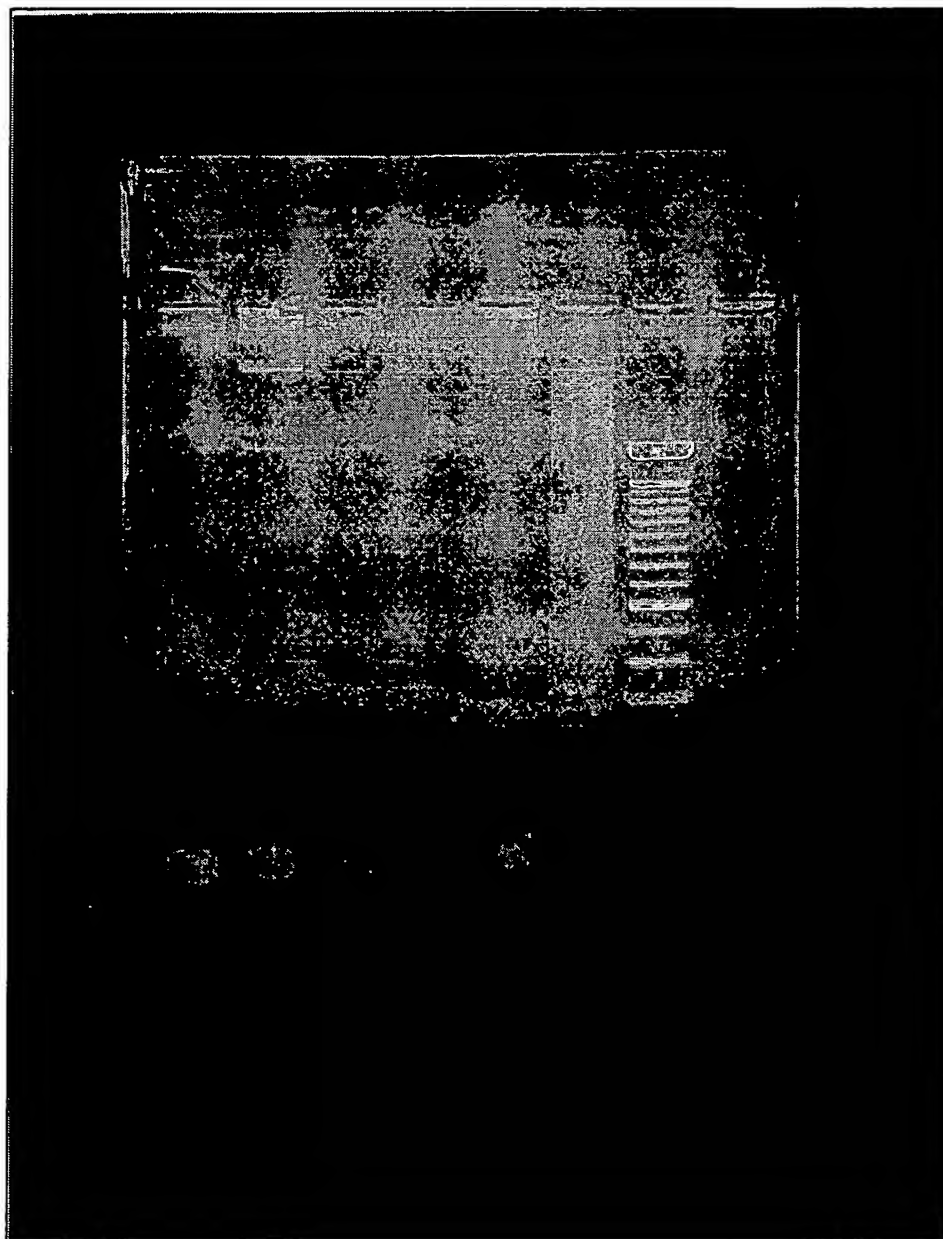
Fig. 7
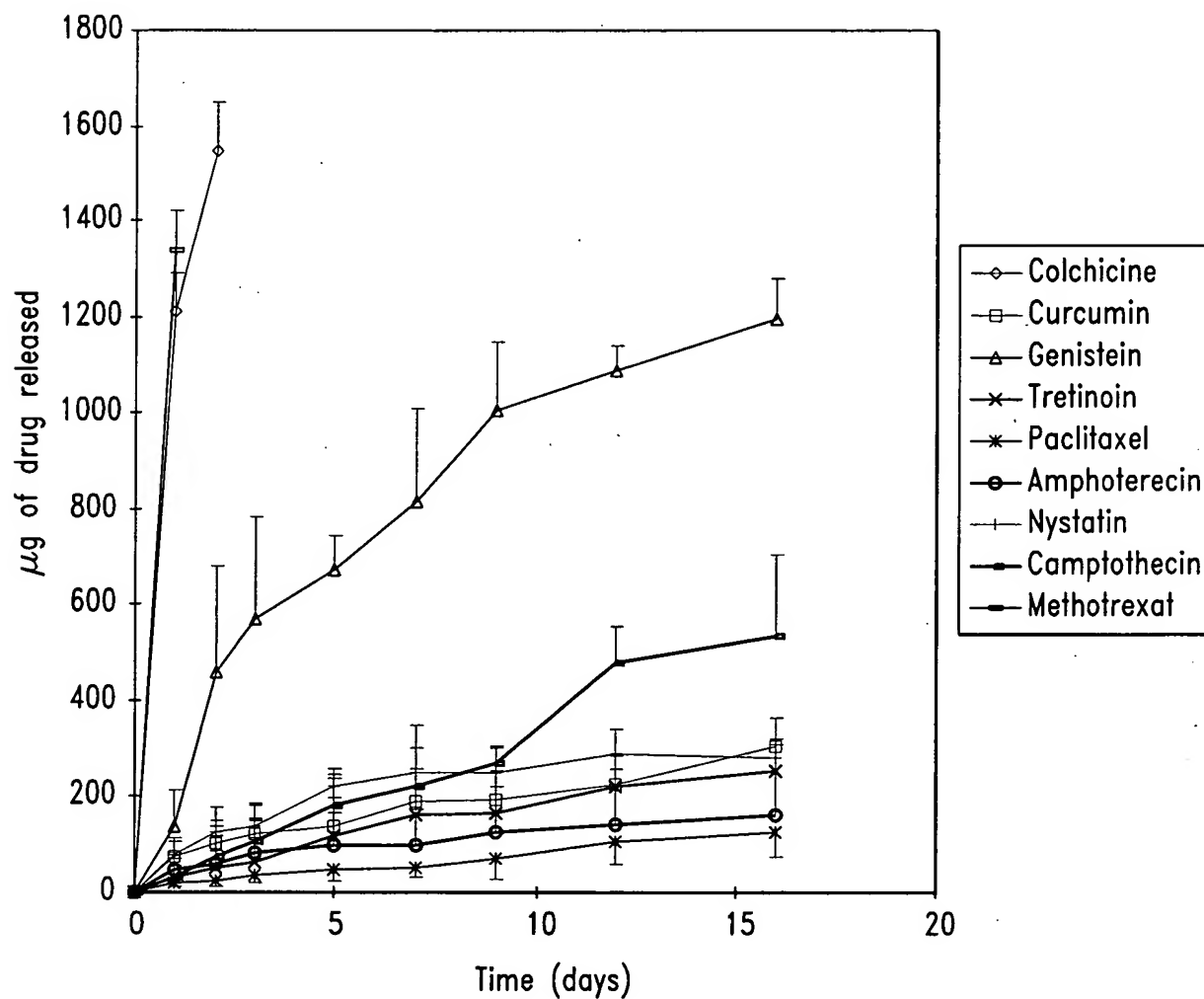
Fig. 8A
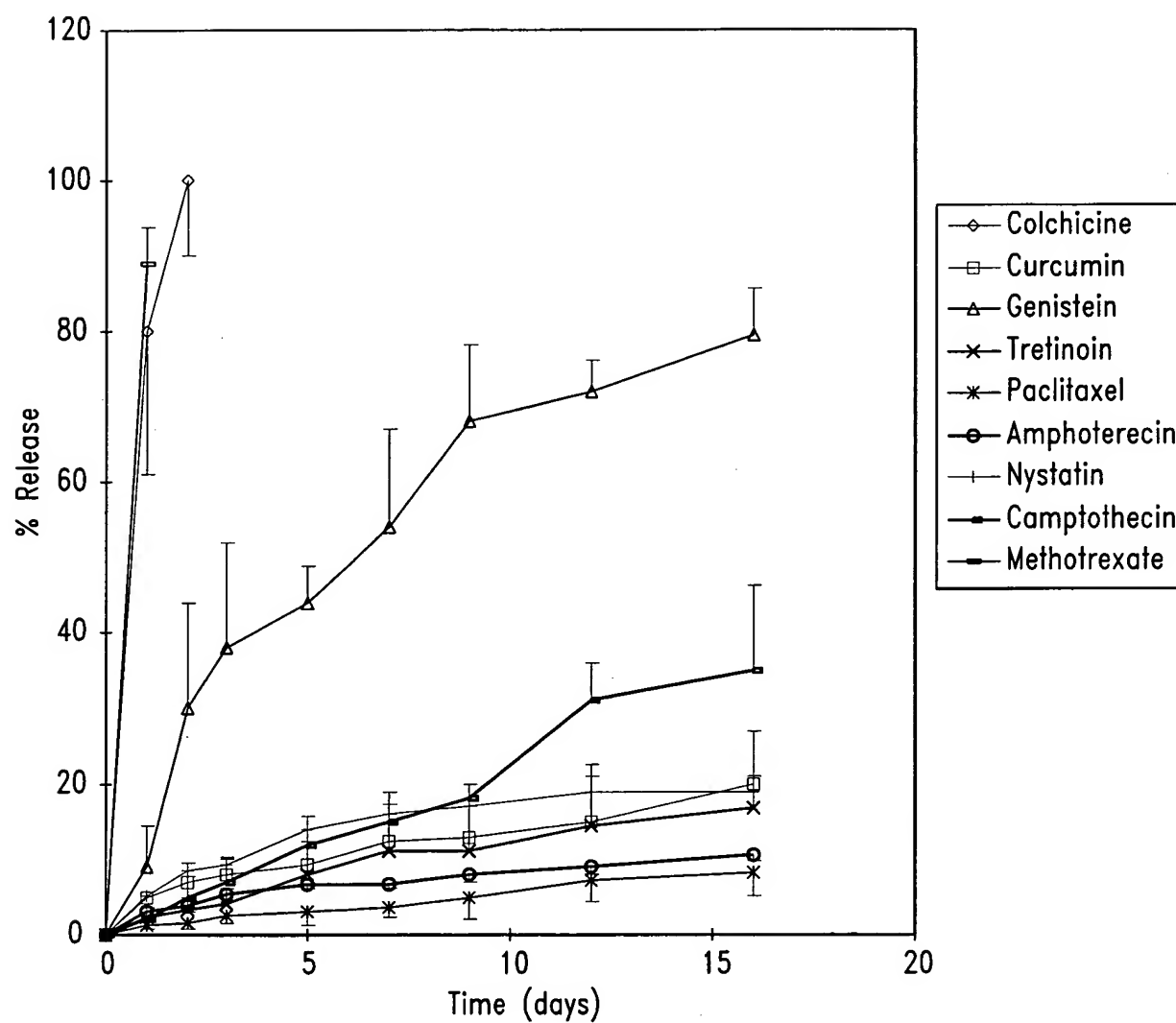
Fig. 8B

Fig. 9A

Fig. 9B
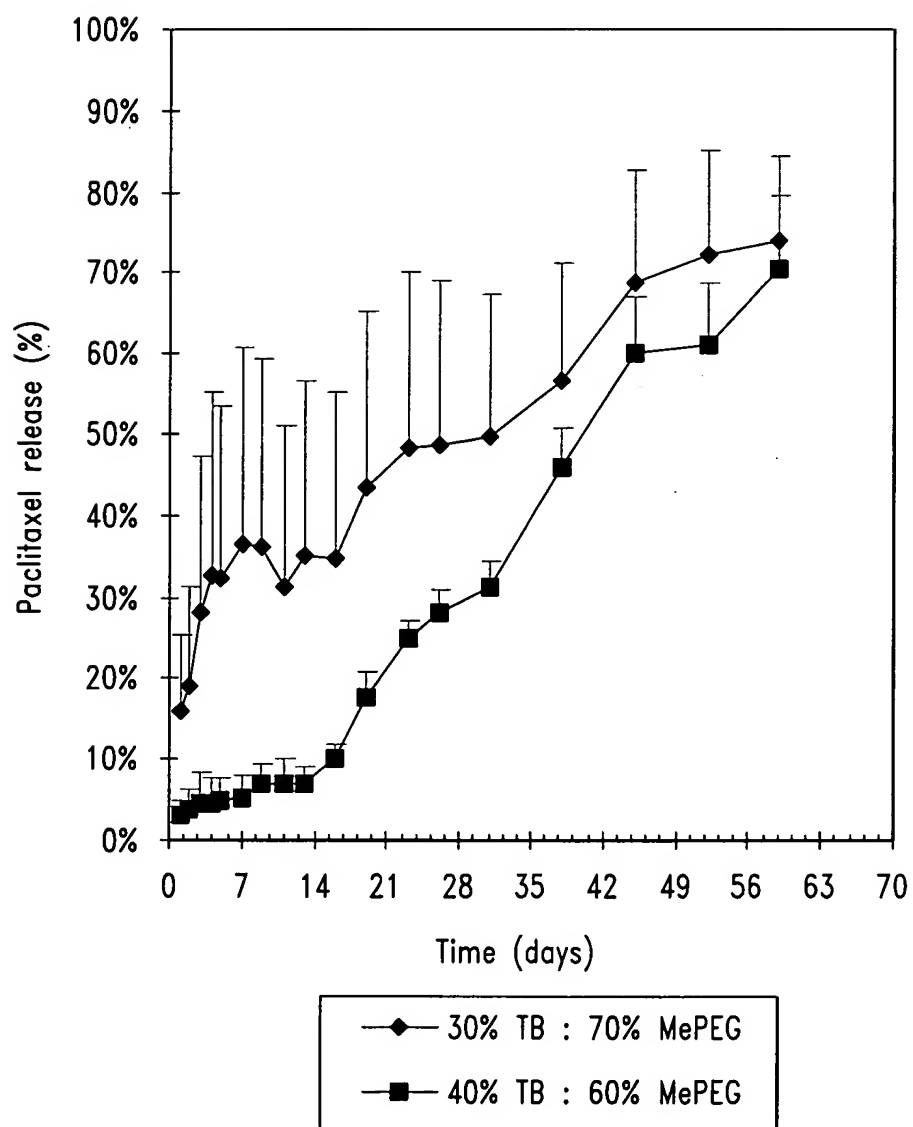
Fig. 9C
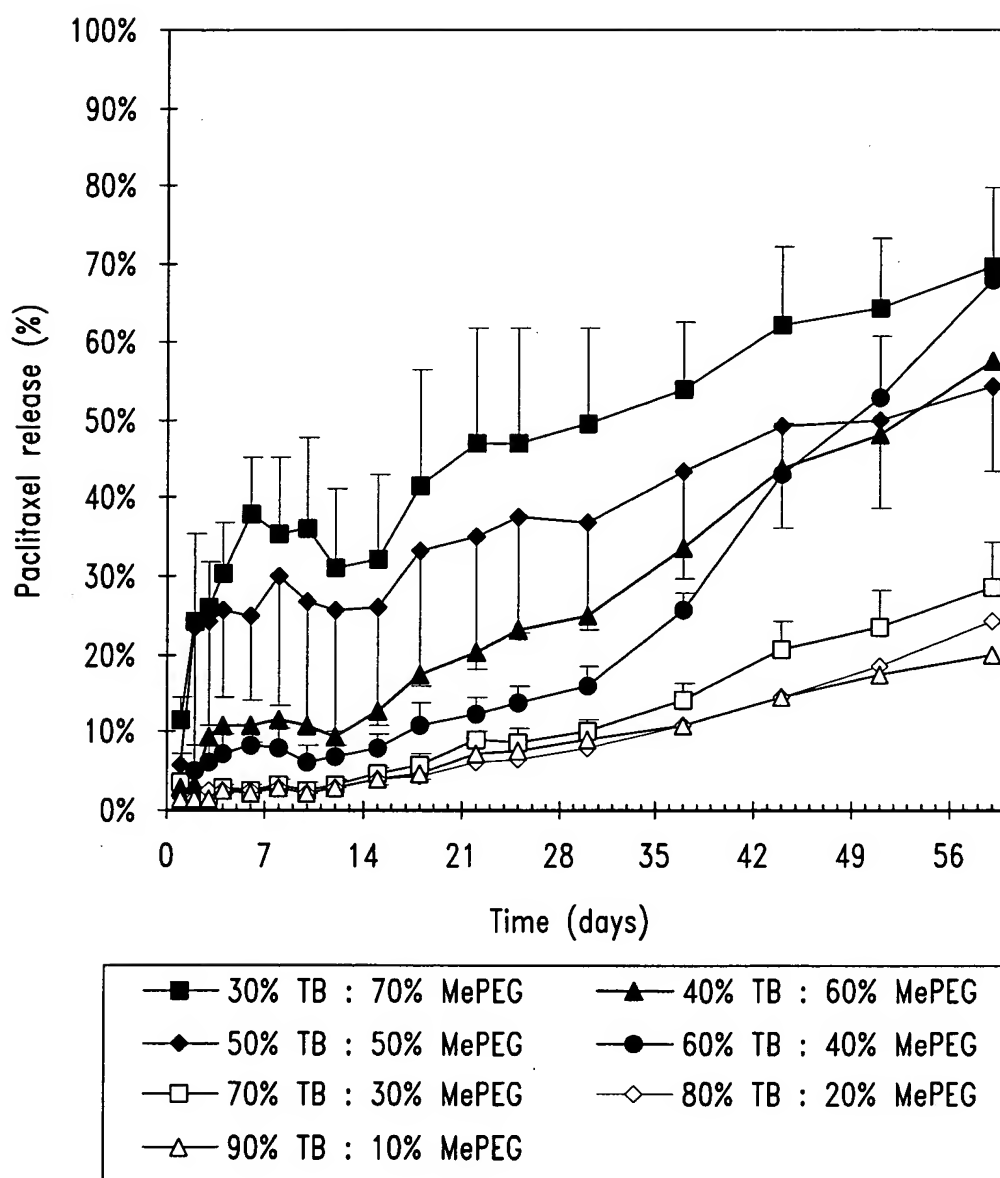
Fig. 9D
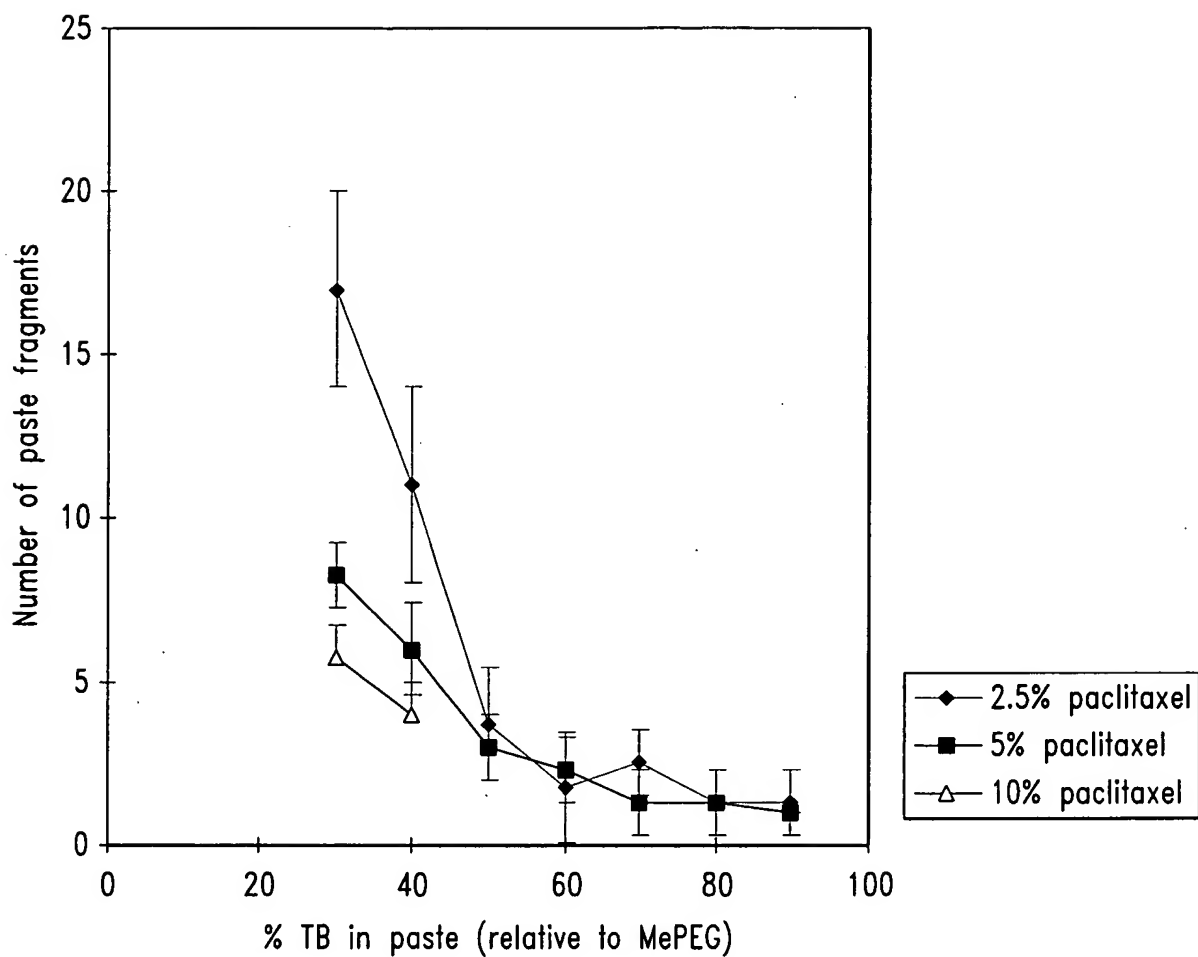
Fig. 10A

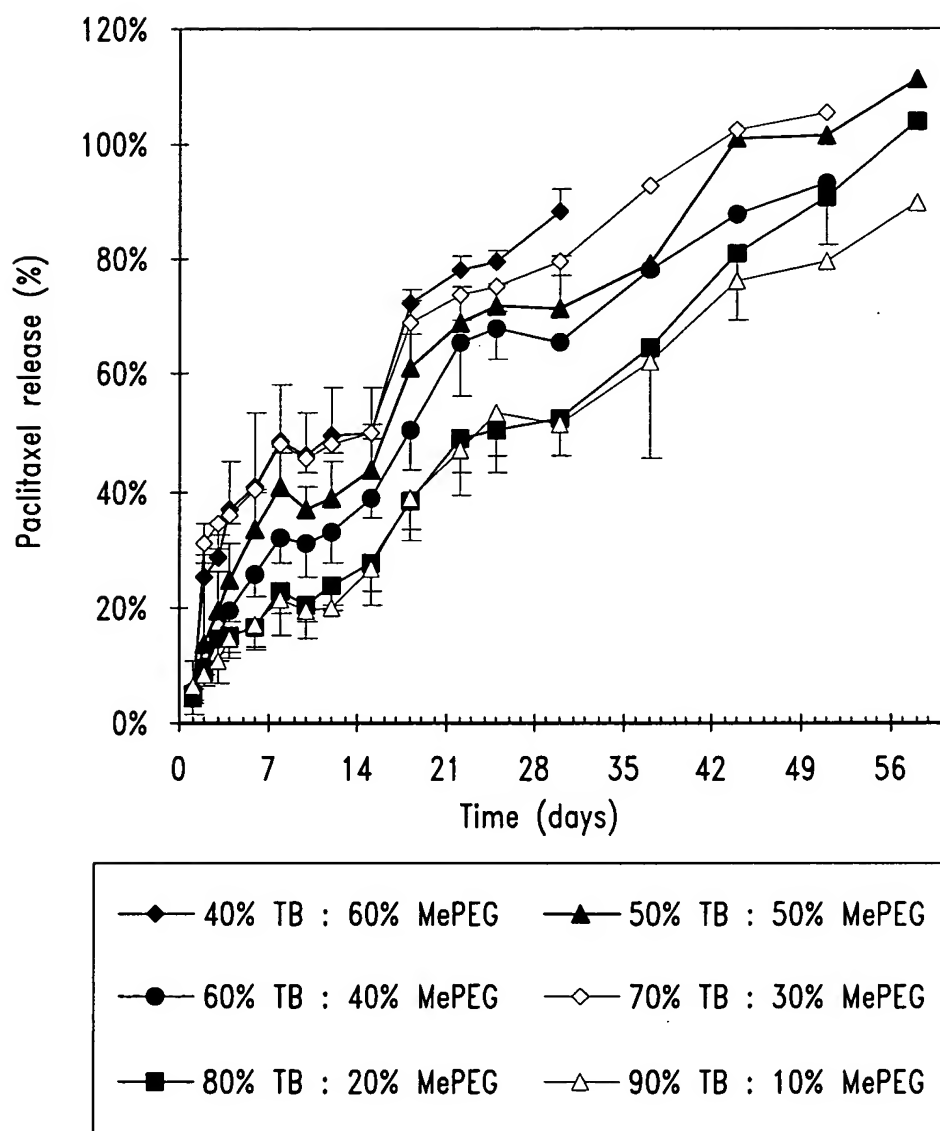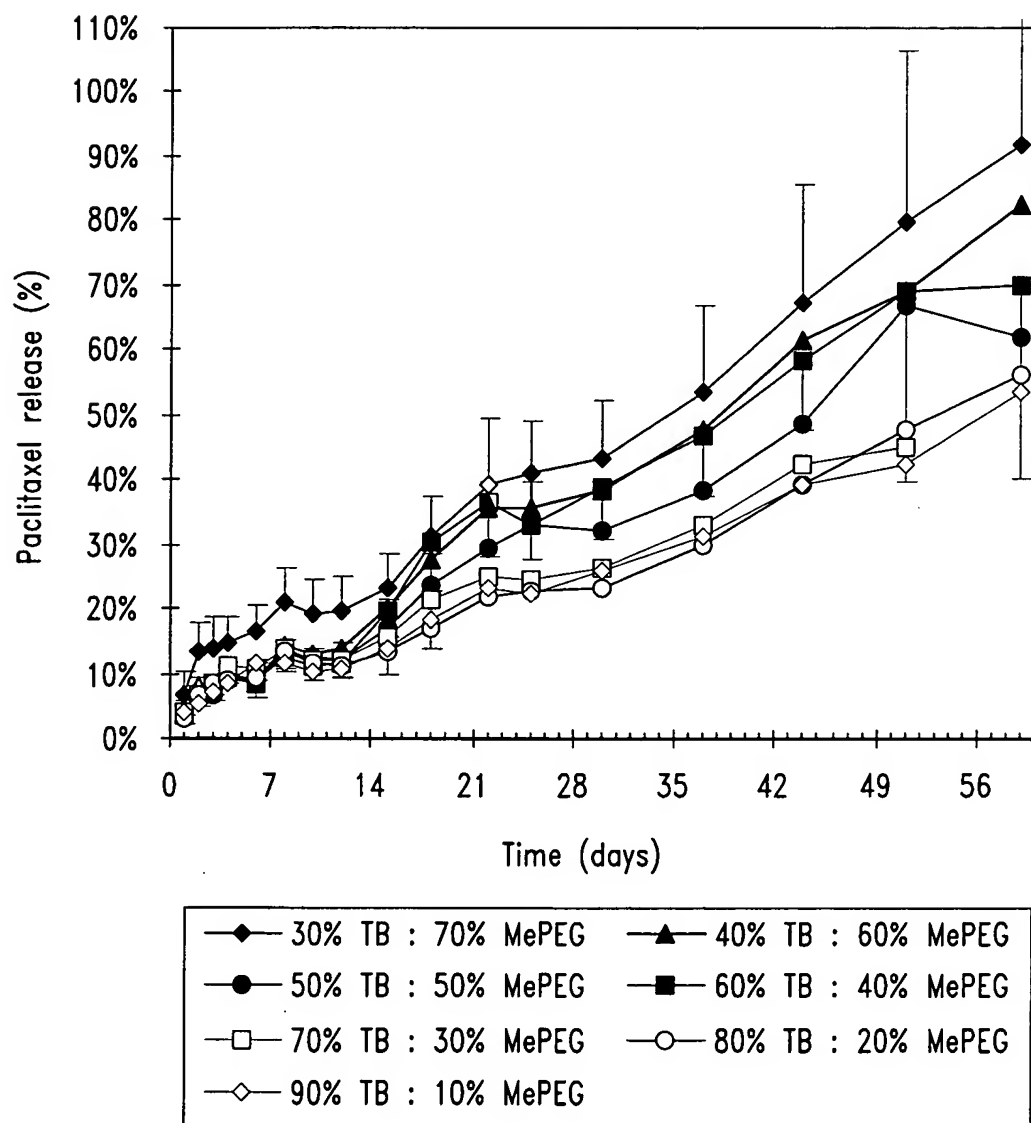*Fig. 10B*

Fig. 11A

Fig. 11B

TB peak   MePEG peak   TB peak   MePEG peak

Incubation Time
MePEG Present

0 hr
70%

1.5 hr
68.5%

3 hr
62.1%

5 hr
56.5%

8 hr
41.6%

Incubation Time
MePEG Present

12.5 hr
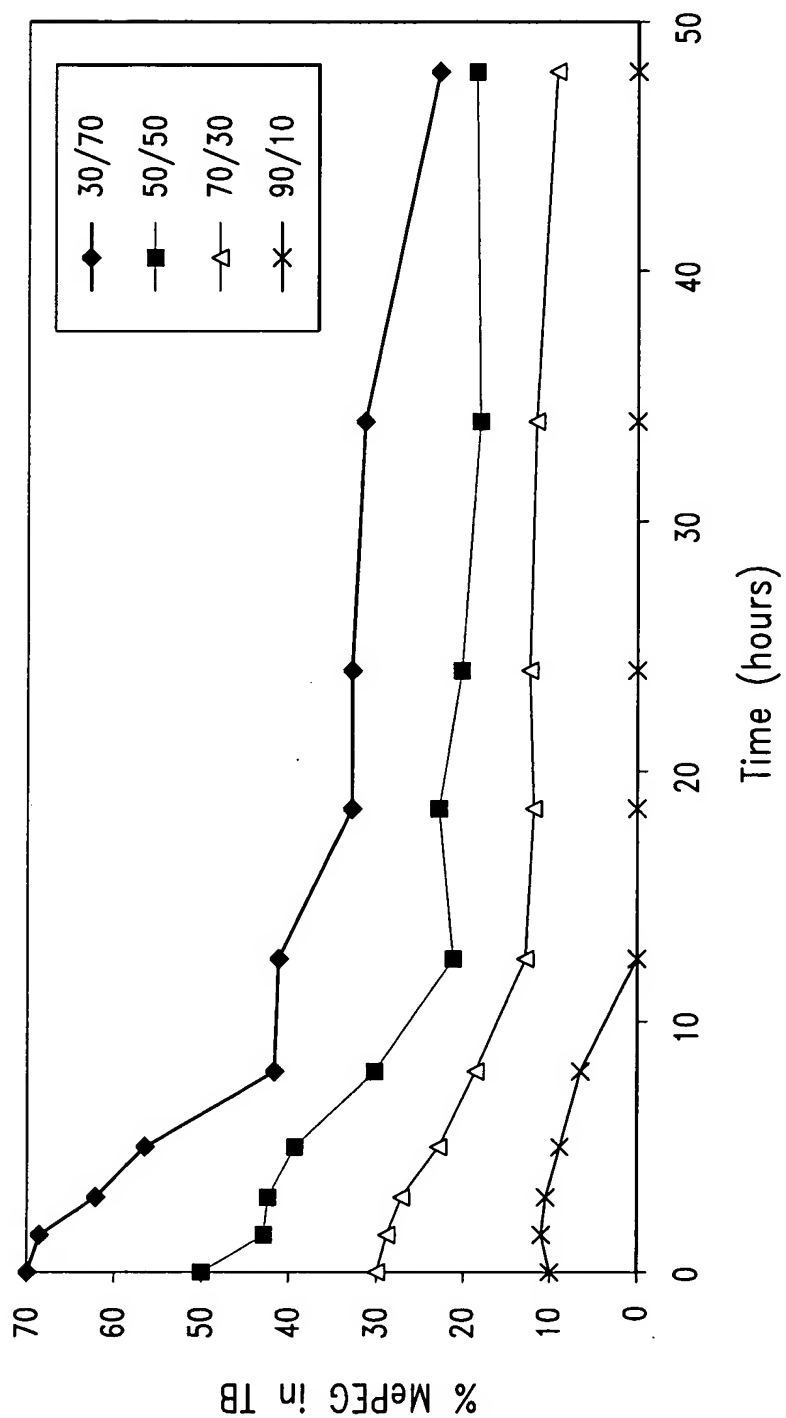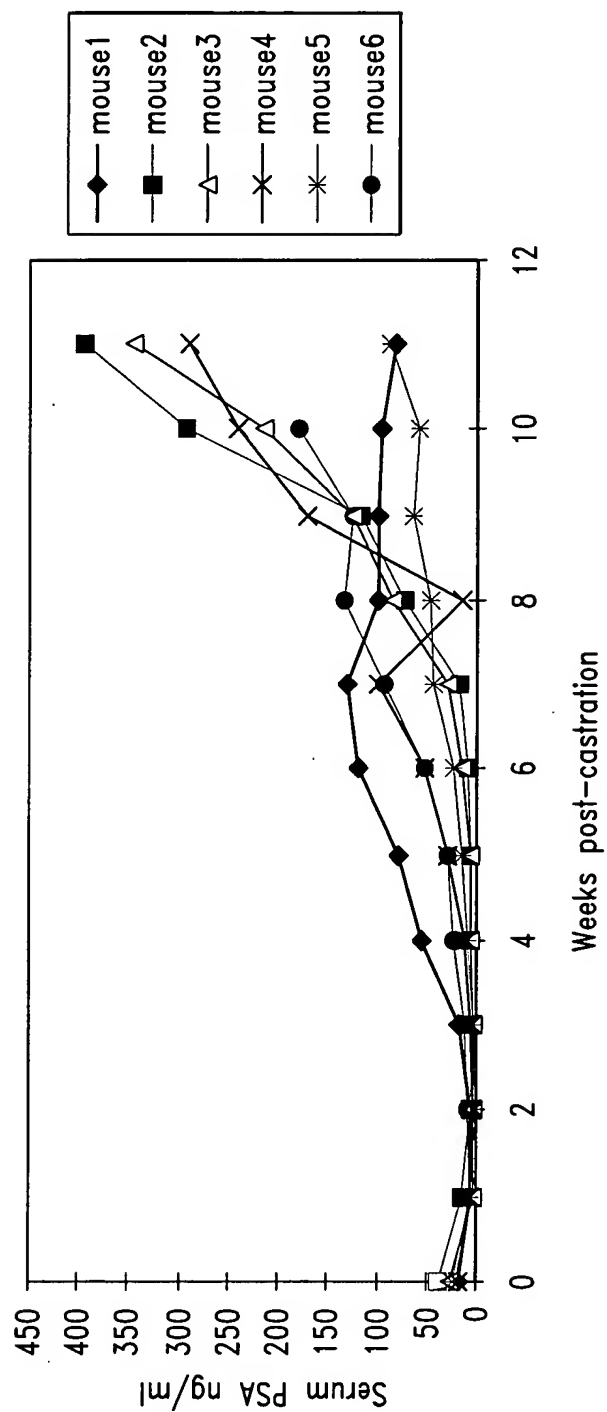41.2%

18.5 hr
32.8%

24 hr
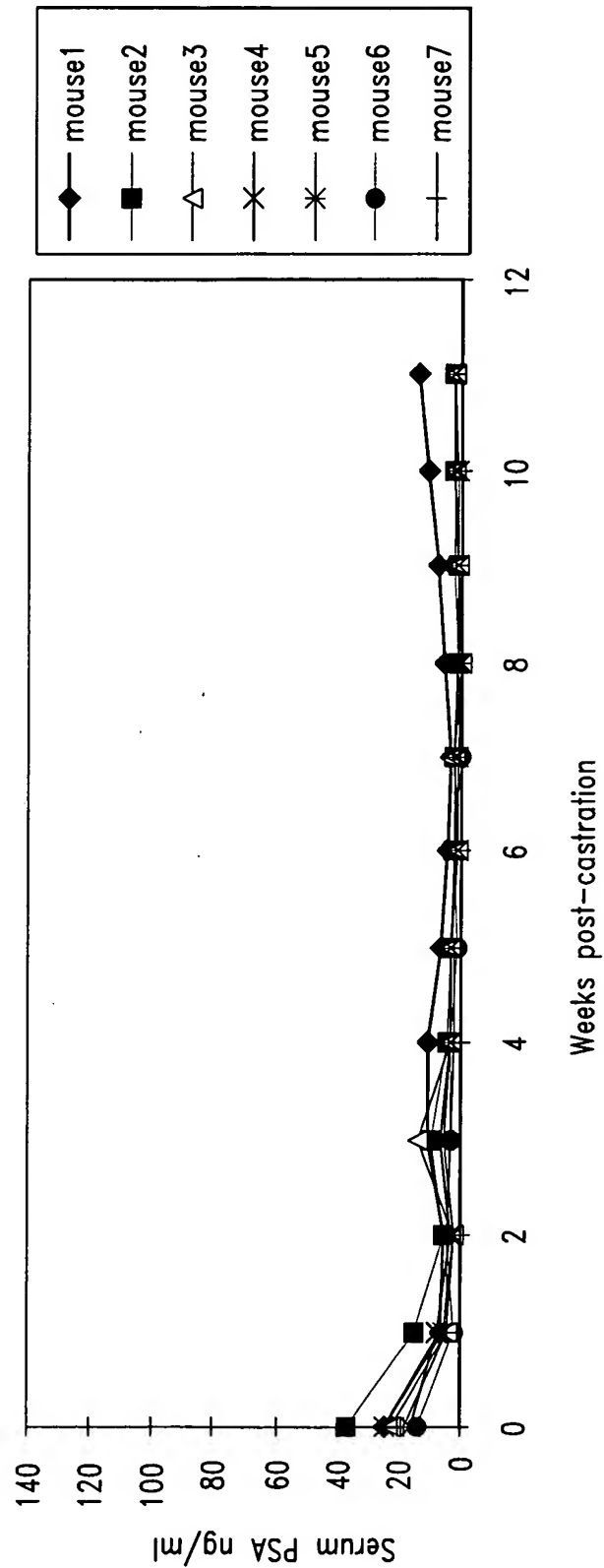32.8%

32 hr
31.5%

48 hr
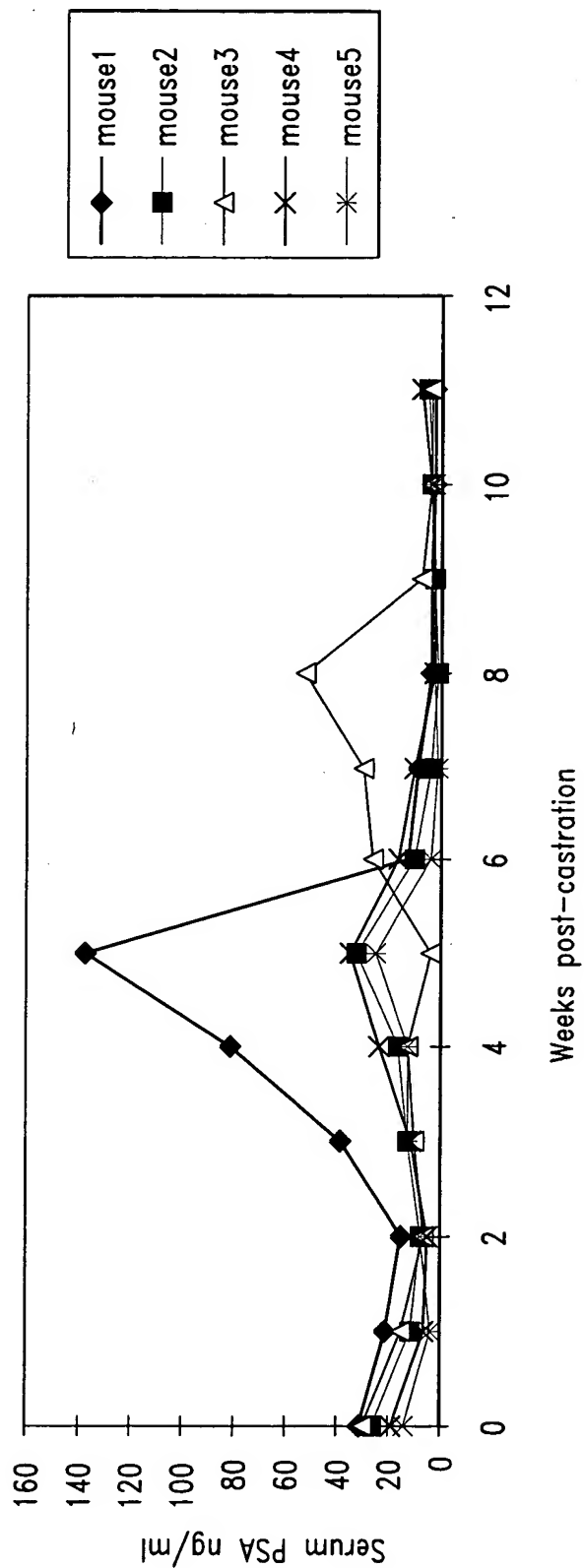22.5%
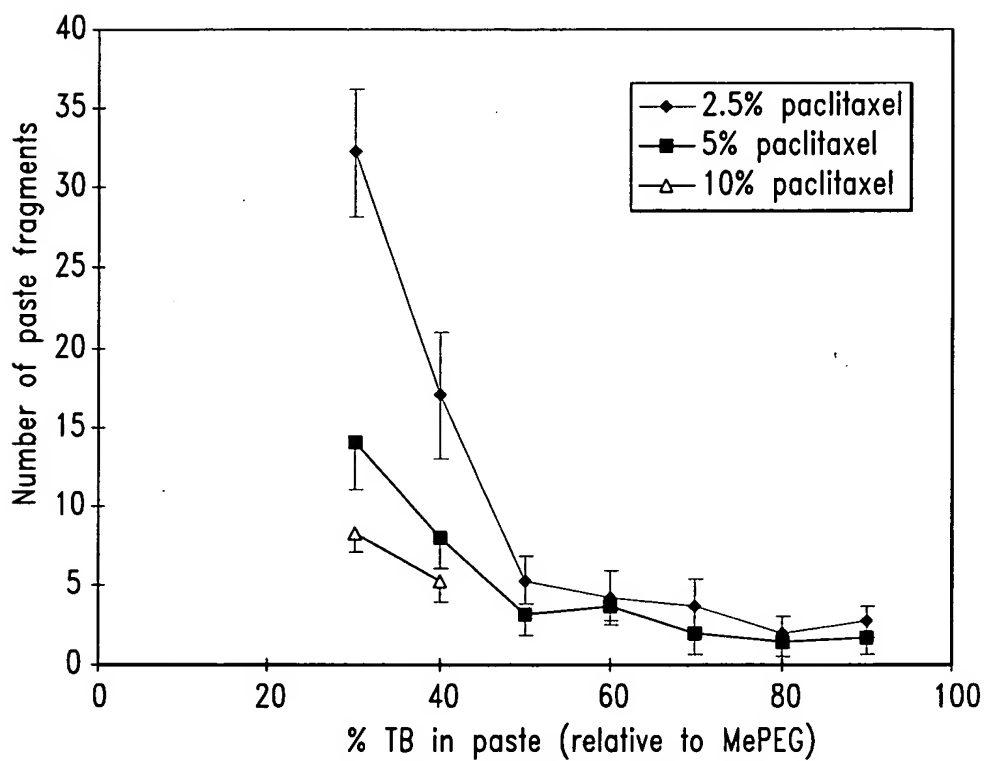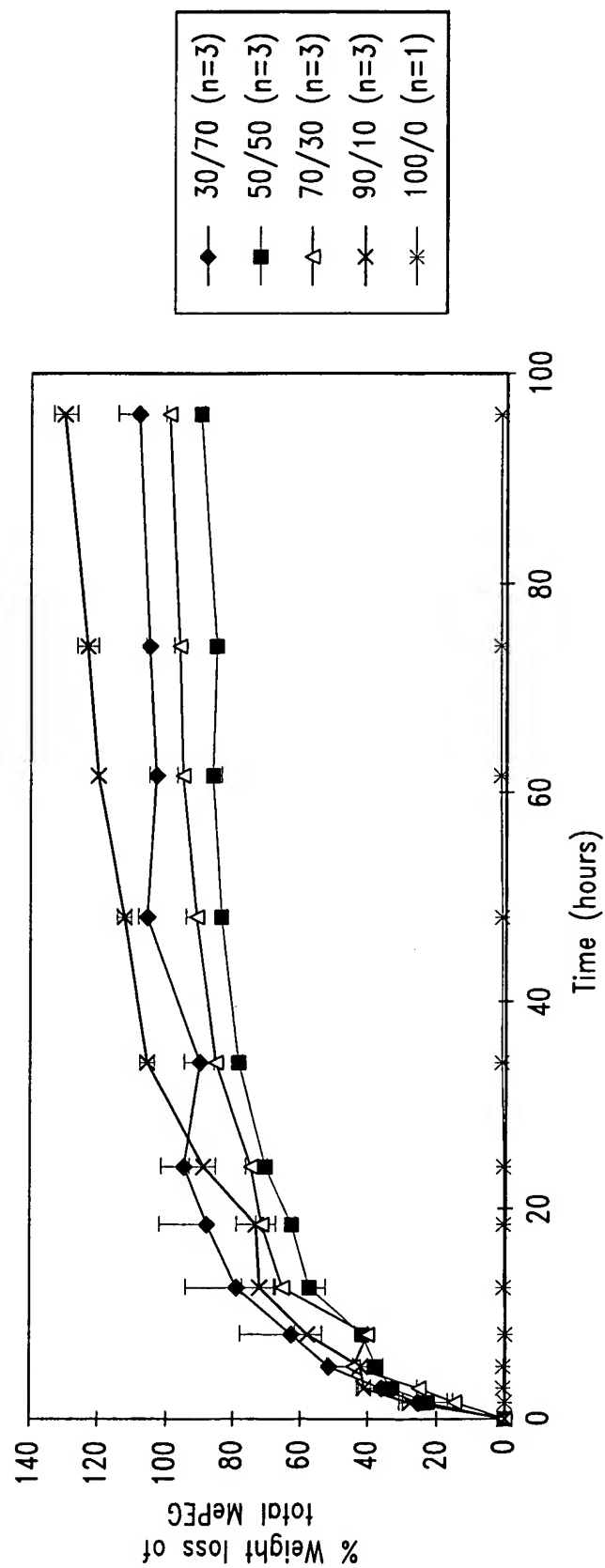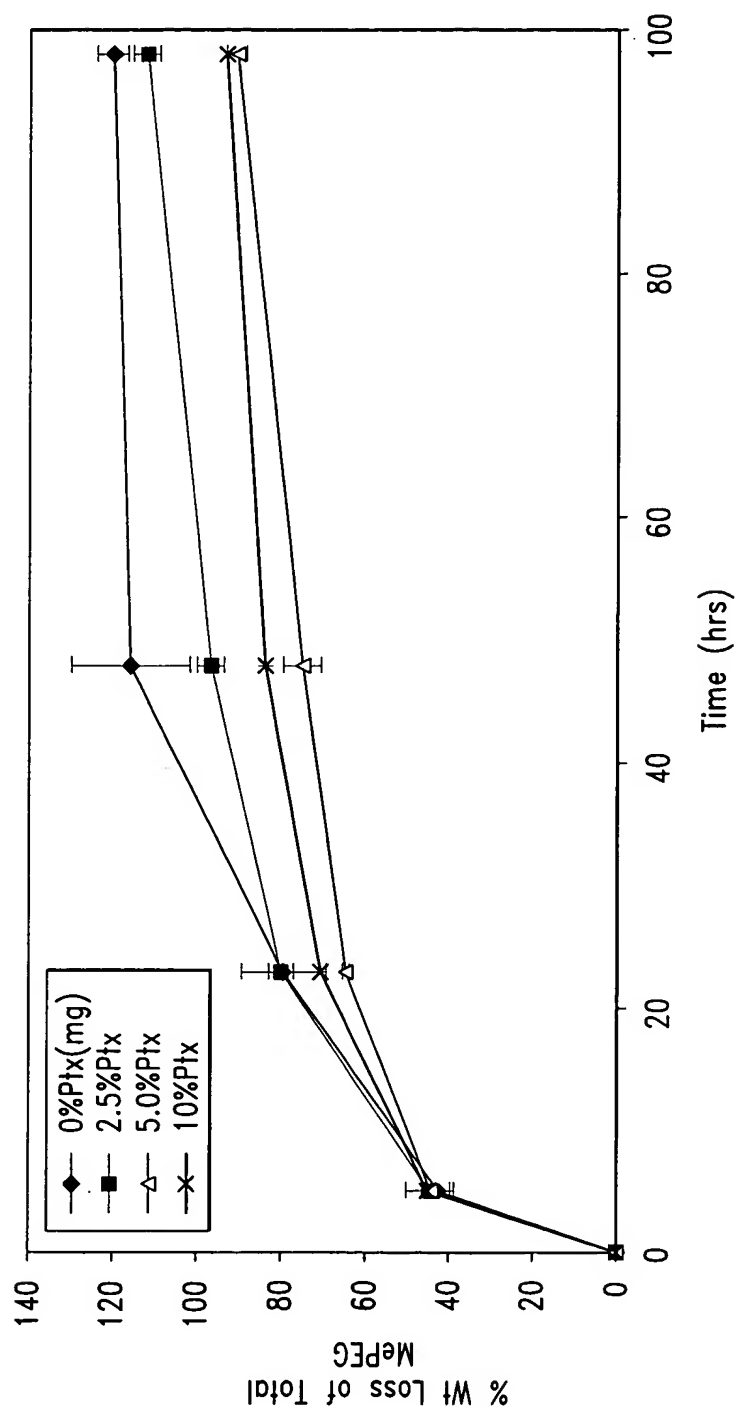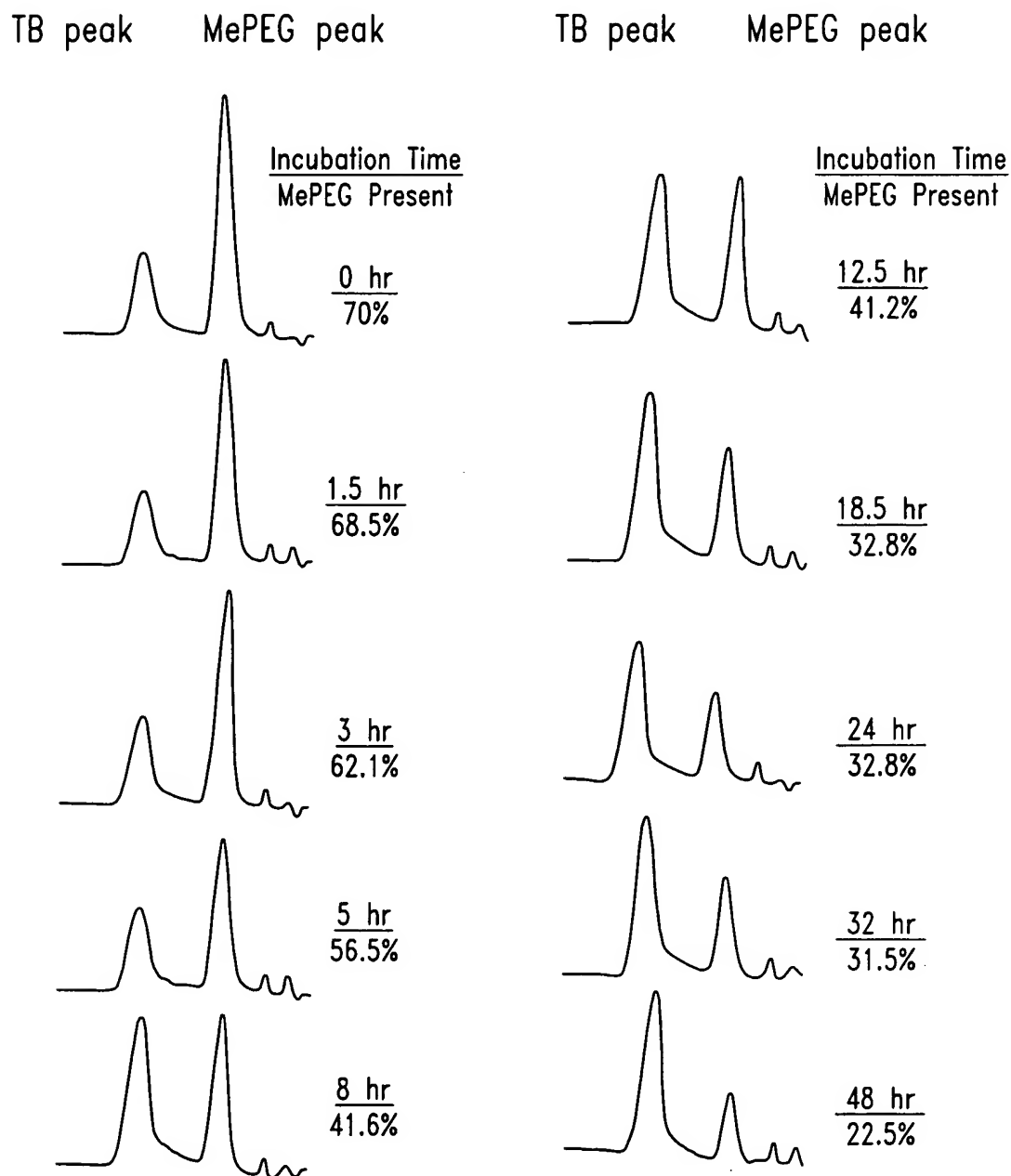
Fig. 11C

Fig. 11D

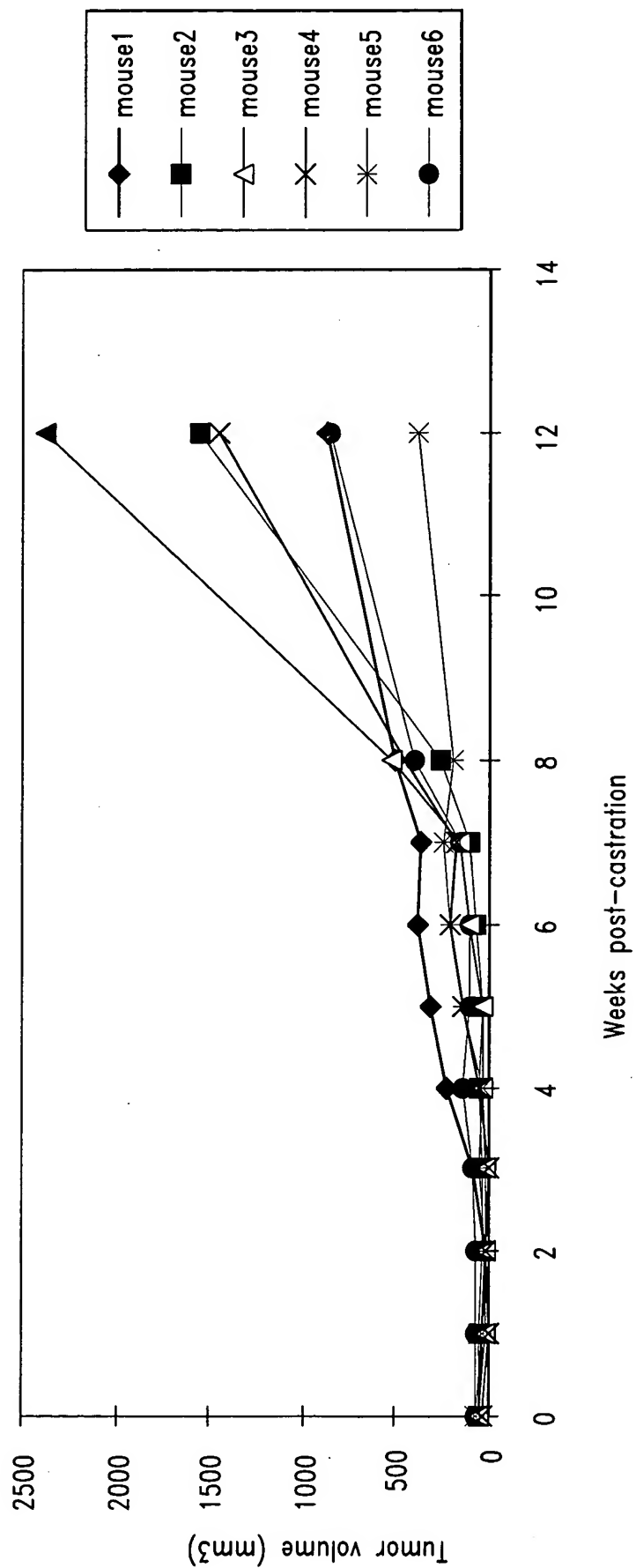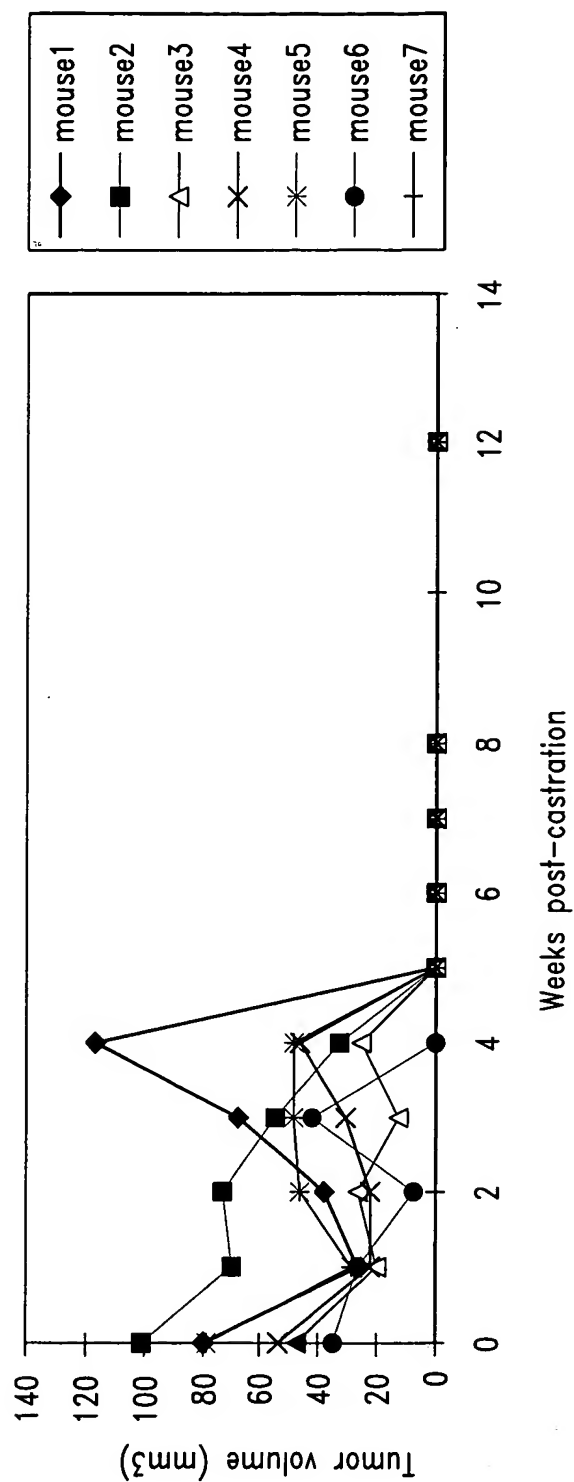*Fig. 12A*

Fig. 12B

Fig. 12C
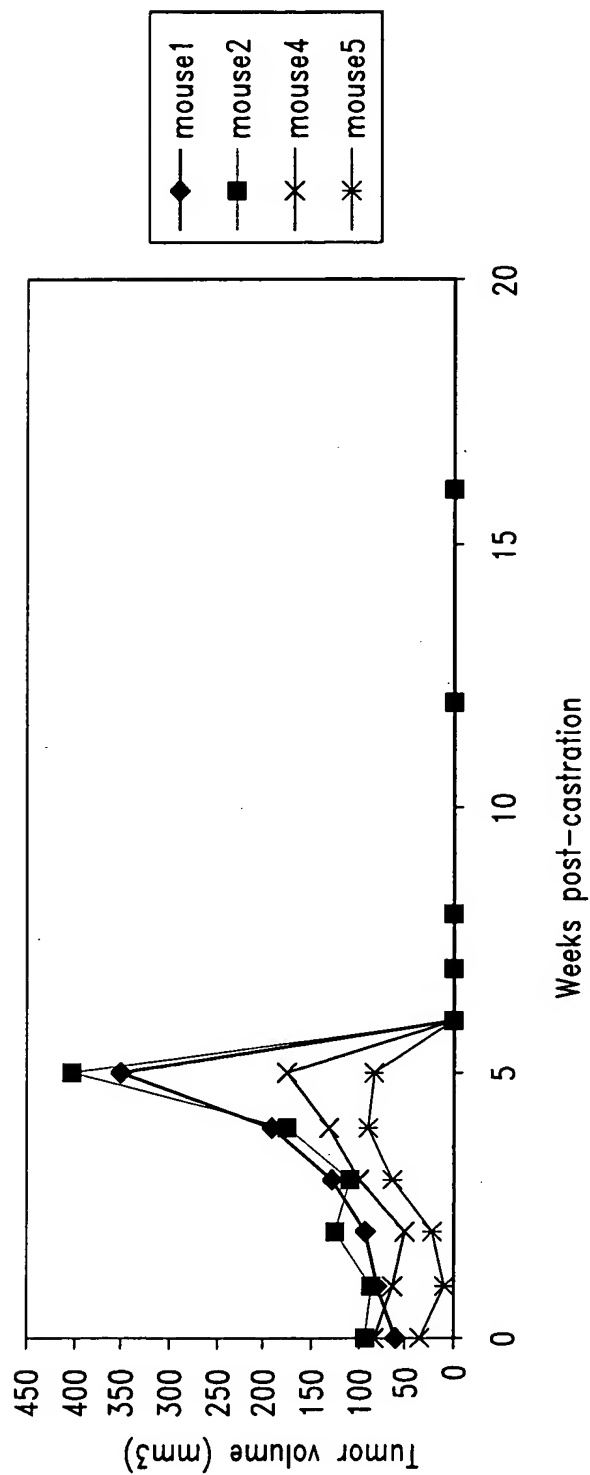
Fig. 13A

Fig. 13B

Fig. 13C

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